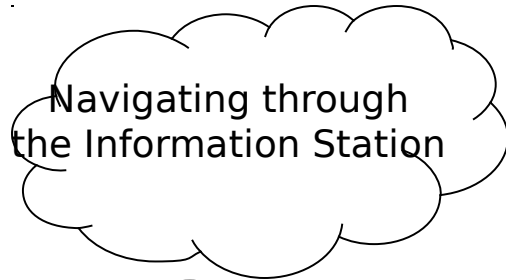




# Alternative Fuel Information Station



## Administrative Tutorial



- EAct Tutorial
- Logistics Tutorial

**Explains how EAct pertains to Mobility Fuels**

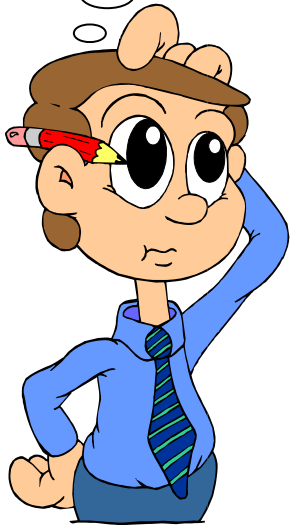
**Explains how alternative fuels fit into the DESC infrastructure**

## Mobility Fuels

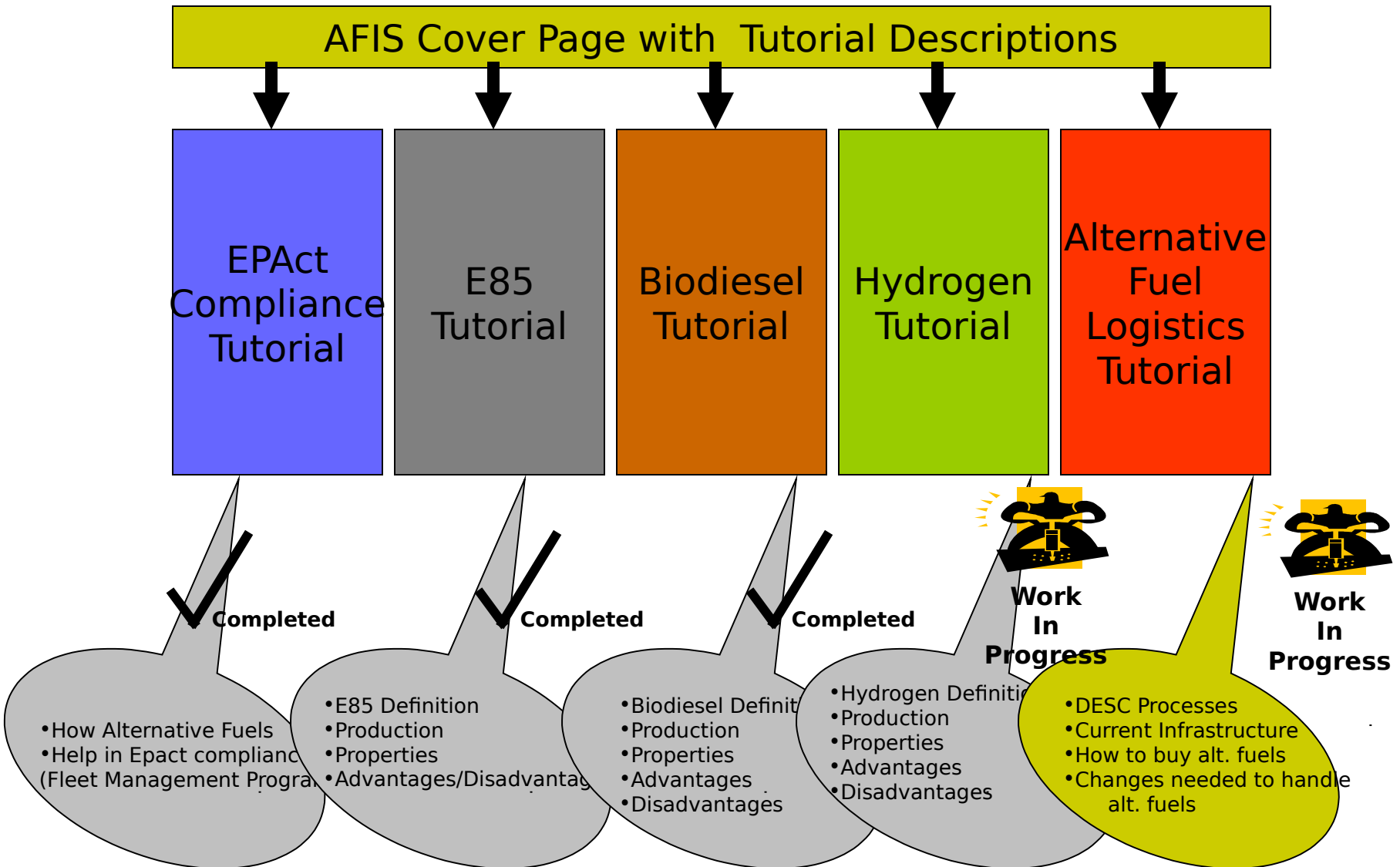
- Biodiesel Tutorial
- E85 Tutorial
- More to Follow

**Details how biodiesel should be used as a mobility alternative fuel.**

**Details how E85 (Fuel Ethanol) should be used as a mobility alternative fuel.**



# ALTERNATIVE FUEL INFORMATION STATION Architecture



## **DESC Product Technology and Standardization Division (DESC-BP)**

In a world of constantly evolving air pollution prevention requirements, changes to fuel specifications are made to achieve compliance with federal, state and local regulatory air emission regulations. The Product Technology and Standardization Division provides the most up to date information to comply with these regulations during fuel acquisitions through changes to contract fuel specification clauses.

The most recent information is generated through persistent literature reviews and contacts with federal, state and local regulatory agencies. DESC-BP also works with the military services and industry groups such as the American Society for Testing and Materials and the American Petroleum Institute to assure accurate specifications are used.

International environmental compliance and enhancement is achieved through active participation and assuming leadership roles in international organizations such as the North Atlantic Treaty Organization (NATO) and the Air Standardization Coordinating Committee (ASCC).

This DESC program involves insuring environmental requirements are defined for all fuels procured worldwide including diesel and marine fuels, jet fuels, motor gasolines, heating fuel oils and alternative fuels.

## **New Initiatives**

### **Alternative Fuels Program Development**

**Alternative  
Fuel  
Information  
Station**



To ensure that our customers are trained on the various facets of alternative fuels from procurement to consumption, the Alternative Fuels Information Station (AFIS) website was developed to effectively disseminate information worldwide. The AFIS system will be deployed early Summer 2004 and will contain interactive tutorials on all of the major alternative fuels from a DESC perspective.

## **Product Technology and Standardization Division (DESC-BP)**

### **Recent successful Program initiatives:**

#### ***DESC Wins White House Closing the Circle Award***

On April 22, 2003, Earth Day, the Office of the Federal Environmental Executive announced that Defense Energy Support Center (DESC) won the 2003 White House Closing the Circle Award for promoting the use of Bio-based Fuels in the Federal Government. As a winner in the Bio-based products category, DESC answered the President's call for the Federal Government to lead by example, be a good neighbor, and be a good steward of resources. Pam Serino, Chief of DESC's Product Technology and Standardization Division (DESC-BP), and George Atwood, Chief of DESC's Ground Fuels Division (PEA) won the award by promoting the use of Bio-based Fuels by developing a specification for the procurement process that protects equipment while meeting the requirements of Executive Orders.

## Standardization

Manages DoD Fuel Standardization program. Develops and maintains petroleum measurement standards.

## Acquisition Support

Provides technical support to purchase programs throughout DESC; determines technical adequacy of product to be purchased; evaluates requests for waivers, deviations and exceptions; maintains fuels' NSNs in federal catalog system.

## Technology & Evaluation

Focuses on overall fuel technology, policy and product quality trends, and systemic quality issues; manages fuel technology studies.



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For more information regarding Product Technology, Standardization or Alternative Fuel Programs, please contact:

### **Product Technology and Standardization Division**

Chief: Ms. Pamela Serino, DESC-BP  
DSN 427-8363  
Comm: 703-767-8363  
Fax: 703-8366 DSN 427  
E-mail: [Pamela.Serino@DLA.MIL](mailto:Pamela.Serino@DLA.MIL)

#### **Standardization Manager**

Mr. Richard Brawley  
Comm: 703-767-8357  
E-mail: [Richard.Brawley@DLA.MIL](mailto:Richard.Brawley@DLA.MIL)

#### **Acquisition Support**

Mr. David Pamplin  
Comm: 703-767-9654  
E-mail: [David.Pamplin@DLA.MIL](mailto:David.Pamplin@DLA.MIL)

Ms. Patricia Bonner  
Comm: 703-767-8354  
E-mail: [Patricia.Bonner@DLA.MIL](mailto:Patricia.Bonner@DLA.MIL)

Ms. Patricia Wilkins  
Comm: 703-767-8360  
E-mail: [Patricia.Wilkins@DLA.MIL](mailto:Patricia.Wilkins@DLA.MIL)

#### **Technology & Evaluation**

Dr. Yan Guo  
Comm: 703-767-8355  
E-mail: [Yan.Guo@DLA.MIL](mailto:Yan.Guo@DLA.MIL)

# DESC



## Product Technology & Standardization Division

***Environmental  
Compliance and  
Enhancement through  
Fuel Acquisition***